

Patent Claims

1. Method for data exchange between field devices of automation technology, wherein the field devices have their own fieldbus interfaces (FBI) for connecting with a fieldbus (FB) and a radio unit (RU), characterized in that the field devices exchange data by radio wave transmission.
2. Method as claimed in claim 1, characterized in that the radio unit (RU) works according to the Bluetooth standard.
3. Method as claimed in one of the preceding claims, characterized in that the field devices exchange data concerning process conditions and an evaluation of the state of the process occurs.
4. Method as claimed in one of the preceding claims, characterized in that the field devices exchange configuring and parametering data.
5. Method as claimed in one of the preceding claims, characterized in that the field devices exchange software updates.
6. Field device for the use in the preceding method, characterized in that radio unit and display/operating unit form an exchangeable unit.

Translation of German reference characters in the Figs.

Fig. 1:

Change "PLS" to --PCS--; and
change "F" to --L--.

Fig. 2:

Change "FBS" to --FBI--;
change "AB" to --DO--;
change "SE" to --RU--;
add --PIU-- and lead-line to the dashed box containing "AB" and
"SE"; and
change "MW" to --MV--.